

## EXTENSIONS OF REMARKS

### COMMEMORATING THE 375TH ANNIVERSARY OF IPSWICH, MASSACHUSETTS

**HON. JOHN F. TIERNEY**

OF MASSACHUSETTS

IN THE HOUSE OF REPRESENTATIVES

*Wednesday, July 29, 2009*

Mr. TIERNEY. Madam Speaker, I rise today to commemorate the 375th Anniversary of the founding of Ipswich, Massachusetts and to congratulate the residents of Ipswich, Massachusetts as they plan to gather to celebrate this momentous occasion in their historical town.

In 1633, English colonists from the Massachusetts Bay Colony decided to forge an outpost to the north at "Agawam." These early settlers were led by John Winthrop, Jr., the son of Governor John Winthrop, and were charged with the responsibility of protecting the colony from threats to its destruction and opening up trade opportunities. Their success, in so doing, ensured the future of the nation. The new settlement was so successful as a military outpost and future center of law and culture that, on August 4, 1634, the General Court of the Massachusetts Bay Colony voted to name it "Ipswich" after Ipswich, England.

In 1638, the Reverend Nathaniel Ward of Ipswich was commissioned by colonial leaders to draft the Body of Liberties, which was adopted by the General Court of the Massachusetts Bay Colony and published in 1641 as the first code of laws drafted in New England, and which was the colony's and—some would claim—the nation's first Bill of Rights.

In 1687, Ipswich citizens refused to pay new taxes instituted by Governor Edmund Andros and, in so doing, committed acts resisting taxation without representation now known as the "Andros Rebellion" that predated by roughly eighty years the episodes of the next century that led to the American Revolution.

Ipswich is home to America's oldest continuously working farm, Appleton Farms (1635); the Chebacco Parish of Ipswich (now Essex, Massachusetts) was one of the shipbuilding capitals of New England, thus securing the lucrative fishing industry of Massachusetts, its economic future and early maritime contributions to the nation and Ipswich's literary heritage includes the seventeenth-century resident Anne Bradstreet, America's first published poet.

Ipswich's eighteenth-century lace industry, acknowledged with appreciation by President George Washington during his 1789 visit to Ipswich, is considered the first women's industry in America, and Ipswich's nineteenth-century mills produced more stockings than any other place in America and transformed the town culturally by attracting new residents from all over Europe.

To honor Ipswich's proud heritage, Town officials and Ipswich residents have registered historic structures on the National Register, mounted plaques to mark historic sites and preserved thousands of acres of open space

and the centrally-important Ipswich River. They have a deep appreciation for the town's architectural and historical significance in our nation's history and are committed to historical preservation so others can share the traditions of our nation's past. As a result, Ipswich currently contains more houses (fifty-nine at last count) built during the "first period" of American architecture (1625–1725) than any other town in America. Some town folks suggest that this makes Ipswich, "America's Colonial home town."

Today, Ipswich Clams are known throughout America with good reason, and Ipswich thrives as a diverse community of cultures and professions that lives comfortably with its history and welcomes visitors from around the world.

As they have been throughout 2009, the residents of Ipswich will continue celebrating the Town's 375th Anniversary while simultaneously honoring its 11,000-year Native American heritage (as documented by the Paleo-Indian site called Bull Brook).

As their representative in the United States House of Representatives, I salute the residents of Ipswich and Town leaders for their welcoming nature, their sense of community and their warm hospitality in opening their arms and doors to visitors from around this country and around the world.

As Ipswich celebrates its 375th Anniversary, I encourage my colleagues and their constituents to travel to the 6th Congressional District of Massachusetts to discover and celebrate the storied history of Ipswich, Massachusetts one of the founding cornerstones of the Commonwealth of Massachusetts and the United States of America. I assure you that you will enjoy Ipswich and its people and its natural, cultural and historic treasures.

### EARMARK DECLARATION

**HON. CHARLES W. DENT**

OF PENNSYLVANIA

IN THE HOUSE OF REPRESENTATIVES

*Wednesday, July 29, 2009*

Mr. DENT. Madam Speaker, pursuant to the House Republican Leadership standards on earmarks, I am submitting the following information regarding projects that are listed in H.R. 3326, Department of Defense Appropriations Act, FY2010:

Bill Number: H.R. 3326, Department of Defense Appropriations Act, FY2010, Account: DPA, Title: Navy Production Capacity Improvement Project, Legal Name of Requesting Entity: Lehigh Heavy Forge Corporation, Address of Requesting Entity: 275 Emery Street, Bethlehem, PA 18015, Description of Request: The Navy Production Capacity Improvement Project will expand, modernize, and maintain the production capabilities of Lehigh Heavy Forge, which is needed to support production of Navy Ship shafts and Navy Nuclear Reactor components. Lehigh Heavy Forge is the only domestic facility with the capability to produce the large, complex forgings required for the

nuclear power plants and propulsion shafts of the U.S. Navy Submarine and Aircraft Carrier Programs. Specifically, this project will provide for the engineering and installation of an automated Ultrasonic test system to increase production capability and improve the inspection process; the installation of a new computer programming and drafting system to replace an old and unreliable system; the engineering and rebuilding of three heating furnaces in the Forge and Treatment Department; and the engineering and upgrading of facilities for shipping and inspection operations.

Bill Number: H.R. 3326, Department of Defense Appropriations Act, FY2010, Account: O&M, Army, Title: Army Force Generation Synchronization Tool, Legal Name of Requesting Entity: ProModel Corporation, Address of Requesting Entity: 7540 Windsor Drive, Suite 300, Allentown, PA 18195, Description of Request: In 2006 ProModel was tasked by FORSCOM to provide a technology solution based on its COTS software platform. The solution enables the Army to capture the Army Force Generation Model (ARFORGEN) process in software, providing decision makers the ability to rapidly create Courses of Action and predict the impact of their decisions on key metrics such as Dwell and Boots on Ground. The ability through automation to run "what if's" to assess risk on readiness is recognized as a key priority for the Army and Joint Forces. The project will accelerate the deployment and enhance the current capabilities of the ProModel ARFORGEN Synchronization Tool (AST). The AST has provided a unique capability to quickly visualize the impact of today's sourcing decisions on the Army's capability to sustain operations in the future and to synchronize associated resources and training.

Bill Number: H.R. 3326, Department of Defense Appropriations Act, FY2010, Account: RDT&E, Army, Title: Ballistic Armor Research, Legal Name of Requesting Entity: Air Products and Chemicals, Inc., Address of Requesting Entity: 7201 Hamilton Boulevard, Allentown, PA 18195, Description of Request: This project partners industry with a strategic university to conduct research under the leadership of the U.S. Army Research Lab (ARL) in Aberdeen, MD to develop polymers and materials that will provide the basis for the next generation of armor to protect personnel, equipment, and critical infrastructure. While current approaches in vehicle armor technology continue to use all-metal construction or in some cases ceramic-steel and polymer-ceramic-steel designs, polymer-based armor, based on multilayer composite technology comprising ceramics, metals, and polymers, will allow for better protection, at a lighter weight and lower cost. This research will provide a fundamental understanding of how materials undergo physical and chemical changes during the blast/impact which will lead to polymer-based armor solutions for programs like MCWL Lightweight Body Armor. The body armor advances can be replicated in next-generation vehicle armor systems for new programs such as Joint Light Tactical Vehicles

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and the MRAP—ATV armored vehicle program needed for use in Afghanistan.

Bill Number: H.R. 3326, Department of Defense Appropriations Act, FY2010, Account: RDT&E, Army, Title: Chronic Tinnitus Treatment Program, Legal Name of Requesting Entity: Neuromonics, Inc., Address of Requesting Entity: 2810 Emrick Boulevard, Bethlehem, PA 18020, Description of Request: The Army reports that tinnitus is among the top medical complaints of soldiers returning from OIF/OEF and often occurs with Traumatic Brain Injury/mild Traumatic Brain Injury (TBI/mTBI). Until recently, no effective treatment program has existed to help individuals suffering with the effects of tinnitus. The Chronic Tinnitus Treatment Program is designed to interact, interrupt, and desensitize tinnitus disturbance for long-term benefit, especially in those suffering with chronic and severe tinnitus. The treatment program shows promise by reducing symptoms quickly, in particular, providing relief from the disturbing effects of the condition; treating the neurological causes associated with tinnitus; providing long term relief and improvements in quality of life; and being convenient and noninvasive. This funding will expand a clinical trial to study the effectiveness of the program with specific subgroups of service-members (PTSD and/or TBI) and veterans with chronic and severe tinnitus.

Bill Number: H.R. 3326, Department of Defense Appropriations Act, FY2010, Account: RDT&E, Army, Title: Networked Reliability and Safety Early Evaluation System, Legal Name of Requesting Entity: Bosch Rexroth Corporation, Address of Requesting Entity: 2315 City Line Road, Bethlehem, PA 18017, Description of Request: Changing requirements for combat and tactical vehicles are accelerating the urgent need to quickly assess and identify new technology for reliability, durability, and safety shortcomings in combat environments. The Networked Reliability and Safety Early Evaluation System (NRSEES) will include a Dynamic High Frequency Component Reliability System and a High Payload Reliability System (HPRS). Specifically, funding for this project is to design, build, test, train and install the HPRS. This system will be a large simulator capable of accurately assessing vehicle system structural reliability for platforms up to 35 tons, which will include current MRAPs, MATV, JLTV, FCS and all legacy Tactical Wheeled Vehicles, Trailers and Light Armored Vehicles.

Bill Number: H.R. 3326, Department of Defense Appropriations Act, FY2010, Account: RDT&E, Army, Title: Silent Watch, IB NPS 1160 Lithium-Ion Advanced Battery, Legal Name of Requesting Entity: International Battery, Inc., Address of Requesting Entity: 6845 Snowdrift Road, Allentown, PA 18106, Description of Request: The project will demonstrate the improved performance capability of the Lithium-Ion battery, which will provide increased power and energy density, and life cycle sustainability over the previous (IB model IB-1100) battery type. Through this program, it is anticipated that the operational support cost drivers will be reduced. This battery will consist of a Silent Watch, 28V (seven series connected 160Ah Lithium Iron Phosphate cells), third generation IB BMS, and a self-contained Thermal Management System. Importantly, the battery provides no hazardous material such as lead or acid, which eliminates major disposal charges.

Bill Number: H.R. 3326, Department of Defense Appropriations Act, FY2010, Account: RDT&E, Navy, Title: Landing Craft Composite Lift Fan, Legal Name of Requesting Entity: Curtiss Wright Engineered Pump Division (EPD), Address of Requesting Entity: 222 Cameron Drive, Phillipsburg, NJ 08865, Description of Request: The presence of salt water, extreme temperatures, and the abrasive effects of airborne sand reduce the effective life of LCAC Amphibious Assault Vessels' metal fans. The U.S. Navy spends approximately \$1.4 million a year repairing and replacing the lift fan blades on the LCAC Landing Craft. This project will complete the development of composite material lift fans for Navy landing craft, enabling the replacement of metallic blades which require high maintenance and frequent replacement, resulting in higher life cycle costs and decreased operational reliability. Funding will support the installation and testing of a composite lift fan prototype on a Navy landing craft and any final design modifications that are required. This project will provide a domestic manufacturer of a composite lift fan that will reduce maintenance and life cycle costs, and increase operational reliability for the current and next generation landing craft fleet.

Bill Number: H.R. 3326, Department of Defense Appropriations Act, FY2010, Account: RDT&E, Air Force, Title: Hybrid Nanoparticle-based Coolant Technology Development and Manufacturing, Legal Name of Requesting Entity: Dynalene, Inc., Address of Requesting Entity: 5250 West Copley Road, Whitehall, PA 18052, Description of Request: DOD is actively supporting thermal management activities to ensure that Directed Energy Weapons (DEWs) function properly when they are introduced into the military. The cooling system in these applications requires not only a highly efficient heat transfer device, but also a coolant that has significantly better thermo-physical properties than existing fluids. There is no coolant fluid currently available that possesses all of the desirable properties required for high heat flux applications such as DEWs. Dynalene has developed an advanced coolant composition that addresses the shortcomings of existing coolants by combining a base composition (which can be a mixture of water and an antifreeze compound) with specially designed hybrid nanoparticles. This project will complete the optimization of the coolant and demonstrate its applicability in a real DEW system. Funding will be used to fabricate a reactor and separator, develop a quality control system for the hybrid nanoparticles and the coolant, establish scale-up criteria to go to the next level of manufacturing, and generate samples for testing in DEW systems as well as various civilian applications.

Bill Number: H.R. 3326, Department of Defense Appropriations Act, FY2010, Account: RDT&E, Defense-Wide, Title: High Speed Optical Interconnects for Next Generation Supercomputing, Legal Name of Requesting Entity: Lightwire, Inc., Address of Requesting Entity: 7540 Windsor Drive, Suite 412, Allentown, PA 18195, Description of Request: The Army and other services have two overarching future needs in the area of computing devices—they need to be faster and more capable, but at the same time smaller (and use less energy). These needs run the entire spectrum from the largest defense computing assets (supercomputers) to the very smallest (PDAs that can be

“worn” by a soldier). The requirements for high performance computer simulations by classified Defense projects are massive. Supercomputers can model ballistics, armor performance under attack, radar signatures of new stealth technologies, and nuclear weapons performance, saving manpower and funding that would be required to truly test such phenomena. In order to target the next generation of supercomputers, Lightwire will engage in a joint research effort with DARPA to explore uses of its optical printed circuit board technology supporting both C4ISR antenna remoting and supercomputing needs. Funding will be used to accelerate the development of high speed optical interconnects needed to enable the next generation of DOD supercomputing needs.

MR. KARL MALDEN

HON. PETER J. VISCLOSKY

OF INDIANA

IN THE HOUSE OF REPRESENTATIVES

Wednesday, July 29, 2009

Mr. VISCLOSKY. Madam Speaker, it is my distinct honor to take this time to remember one of northwest Indiana's most cherished natives, Karl Malden. An extraordinary talent, his memorable on-screen characters and his remarkable ability to connect with his audience have delighted generations of moviegoers. As an actor, Karl Malden brought joy to people in ways that very few people can. Mr. Malden passed away on July 1, 2009, at the age of 97, but his legacy will forever remain in the hearts and spirits of his family and friends, as well as his many loyal fans.

Born Mladen George Sekulovich on March 22, 1912, in Chicago, Karl was raised in Gary, Indiana, a hardworking steel-producing community. The son of a Czech seamstress and a Serbian milkman and steelworker, Karl's early years were much like many of his generation who grew up in northwest Indiana at the time. As a high school student, he was a gifted athlete and student, excelling on both the basketball court and in the classroom. A leader among his peers, Karl was also the senior class president of the Gary Emerson High School class of 1931.

Following his graduation in 1931, Karl briefly considered continuing his athletic career at the collegiate level before returning to Gary, and like his father, began working in a local steel mill. His career in the mills would not last long though as his passion for theater and acting continued to grow. Early on, young Mladen often performed in Serbian plays produced by his father at his church. Undoubtedly, this had an immense impact on his decision to leave the steel mill and begin studying at Chicago's Goodman Theater. From there, Karl would eventually relocate to New York and begin performing on Broadway. Thus, the start of his illustrious career as an entertainer began.

For more than seven decades, Karl Malden brought memorable characters to the stage and screen. With more than fifty film credits and numerous plays and television projects on his résumé, not to mention one of the most recognizable commercial characters in history, Karl Malden proved that he is one of the most adored and versatile actors of not only his, but all, generations. From his lesser known roles to his unforgettable, Oscar-winning performance in *A Streetcar Named Desire*, Karl's determination and passion for his craft were,